

# EUROPEAN PATENT OFFICE

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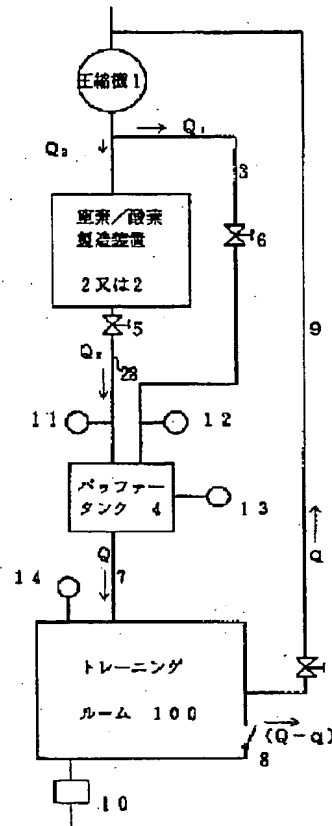
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TITLE : AIR FEEDER OF SPECIAL  
COMPOSITION



ABSTRACT : PROBLEM TO BE SOLVED: To safely and continuously realize a special environment chamber of low oxygen or high oxygen.

SOLUTION: A specially composed air feeding device has a compressor 1, a device 2 or 2' in which a part of air is introduced to produce nitrogen or oxygen of high concentration, a bypass pipe 3 for causing air of the same compressor to flow, a buffer tank 4 for mixing and homogenizing them, valves 5, 6 or the like for making adjustments so that a training room 100 contains, for example, low oxygen air of 14.5% oxygen concentration or high oxygen air of 49% oxygen concentration. Therefore, by securing the quantity of bypass air from the same compressor, even when the compressor is stopped, safety of persons in the room is maintained. Since nitrogen or oxygen is continuously produced, the special environment is continuously maintained, the special environment is realized by ambient pressure, and simplification of structure of the training room and improvement of usability are attained.

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